

Date: Thursday, 11/16/2006 4:25:56 PM
 User: Kim Johnston

Process Sheet

Customer :	CU-DAR001 Dart Helicopters Services	Drawing Name :	LUG WELDMENT
Job Number :	29492		
Estimate Number :	12118		
P.O. Number :		Part Number :	D3353042
This Issue :	11/16/2006	Drawing Number :	D3353 REV.A
Prsht Rev. :	NC	Project Number :	N/A
First Issue :	//	Drawing Revision :	A
Previous Run :	25803	Material :	
	Type :	Due Date :	12/10/2006
	LARGE FAB ASSY	Qty:	4 Um: Each
Written By :			
Checked & Approved By :			
Comment :	est rev A 06.01.26 new issue EC		

Additional Product

Job Number:



Seq. #:	Machine Or Operation:	Description :
---------	-----------------------	---------------

1.0	D335311	universal joint
-----	---------	-----------------



Comment: Qty.: 1.0000 Each(s)/Unit Total : 4.0000 Each(s)

pick:

qty	part number	description	batch
1	D3353-11	universal joint	

2.0	D33535	back plate
-----	--------	------------



Comment: Qty.: 1.0000 Each(s)/Unit Total : 4.0000 Each(s)

pick:

qty	part number	description	batch
1	D3353-5	back plate	

3.0	D335313	tubing
-----	---------	--------



Comment: Qty.: 1.0000 Each(s)/Unit Total : 4.0000 Each(s)

pick:

qty	part number	description	batch
1	D3353-13	tubing	

4.0	D335317	support
-----	---------	---------



Comment: Qty.: 1.0000 Each(s)/Unit Total : 4.0000 Each(s)

pick:

qty	part number	description	batch
1	D3353-17	support	

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Date: Thursday, 11/16/2006 4:25:56 PM
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Process Sheet

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: LUG WELDMENT

Job Number: 29492

Part Number: D3353042

Job Number:



Seq. #:

Machine Or Operation:

Description :

5.0

D33533

right plate



Comment: Qty.: 1.0000 Each(s)/Unit Total : 4.0000 Each(s)

pick:

qty	part number	description	batch
1	D3353-3	right plate	

6.0

D33539

STOP PLATE



Comment: Qty.: 1.0000 Each(s)/Unit Total : 4.0000 Each(s)

pick:

qty	part number	description	batch
1	D3353-9	stop plate	

7.0

D33531

left plate



Comment: Qty.: 1.0000 Each(s)/Unit Total : 4.0000 Each(s)

pick:

qty	part number	description	batch
1	D3353-1	left plate	

8.0

D33537

front plate



Comment: Qty.: 1.0000 Each(s)/Unit Total : 4.0000 Each(s)

pick:

qty	part number	description	batch
1	D3353-7	front plate	

9.0

D335315

lock bracket



Comment: Qty.: 1.0000 Each(s)/Unit Total : 4.0000 Each(s)

pick:

qty	part number	description	batch
1	D3353-15	lock bracket	

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Date: Thursday, 11/16/2006 4:25:56 PM
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Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: LUG WELDMENT

Job Number: 29492

Part Number: D3353042

Job Number:



Seq. #:

Machine Or Operation:

Description :

10.0

LARGE FAB 1

LARGE FABRICATION RESOURCE 1



Comment: LARGE FABRICATION RESOURCE 1

Weld assembly as per dwg D3353

11.0

QC9

VISUAL WELDING INSPECTION



Comment: VISUAL WELDING INSPECTION

12.0

QC5

INSPECT WORK TO CURRENT STEP



Comment: INSPECT WORK TO CURRENT STEP

13.0

POWDER COATING

POWDER COATING



Comment: POWDER COATING

1-Mask part as per dwg D3353

2-Powder Coat Fire Red (Ref: 4.3.5.10) as per QSI 005 4.3

14.0

QC3

INSPECT POWDER COAT/CHEMICAL CONVERSION



Comment: INSPECT POWDER COAT/CHEMICAL CONVERSION

15.0

PACKAGING 1

PACKAGING RESOURCE #1



Comment: PACKAGING RESOURCE #1

Identify and Stock

Location: _____

16.0

QC21

FINAL INSPECTION/W/O RELEASE



Comment: FINAL INSPECTION/W/O RELEASE

Job Completion



W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

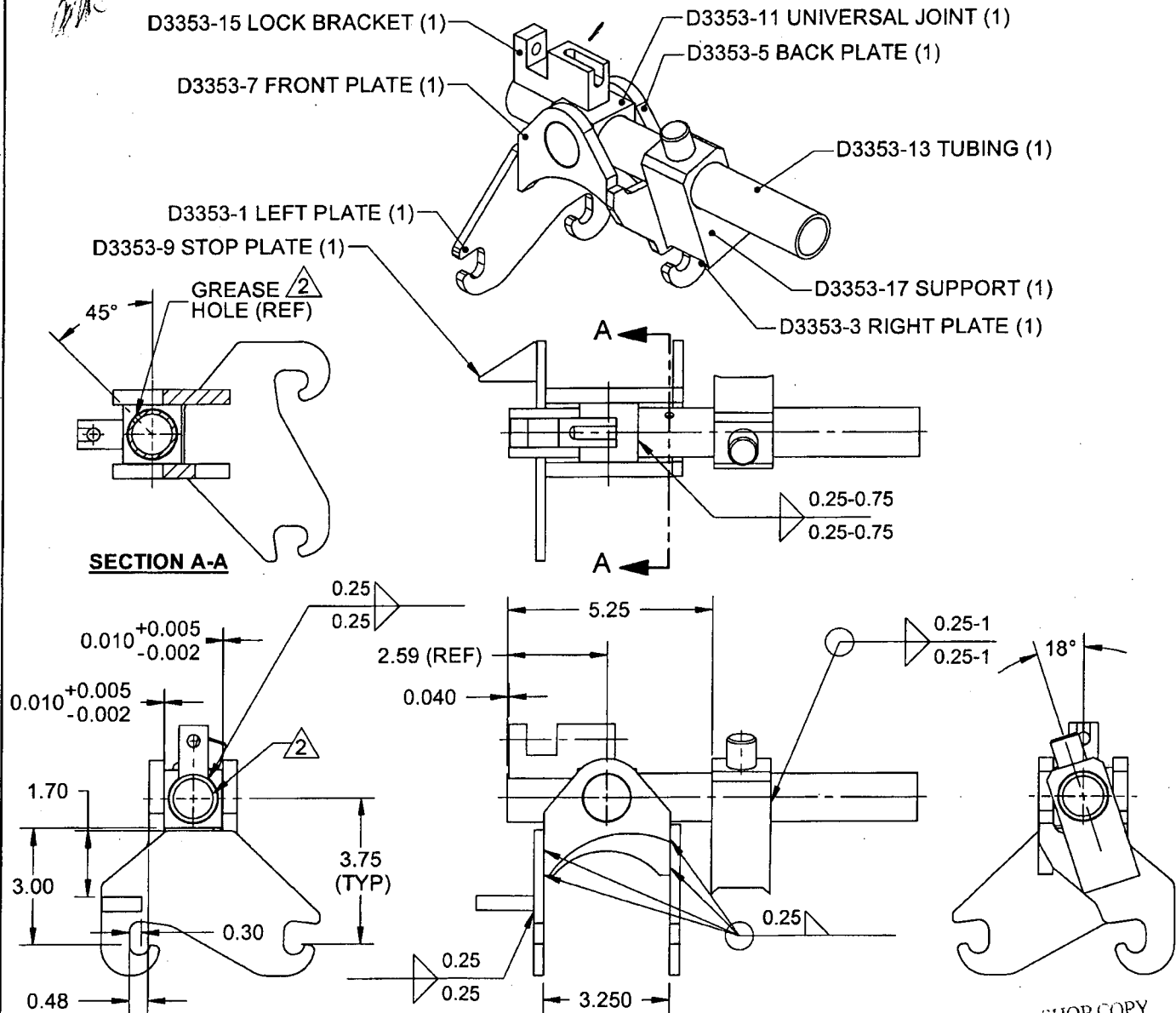
QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

DART

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DATE 04.12.14		TITLE LUG WELDMENT	SCALE 1:4
A	04.12.14	NEW ISSUE	

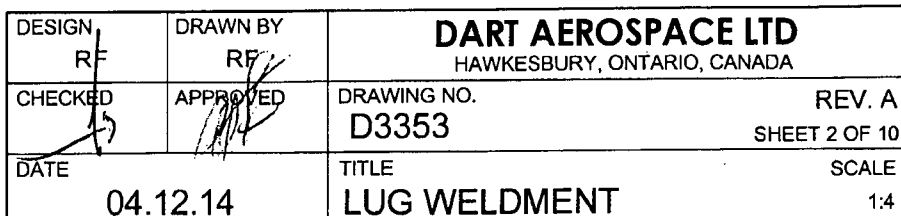
RELEASED
[Handwritten: 05/05/09]**D3353-041 LUG WELDMENT****NOTES:**

- 1) WELD PER DART QSI 004
- 2) COVER INSIDE HOLES PRIOR PAINTING
- 3) FINISH: POWDER COAT PAINT FIRE RED (4.3.5.10) PER DART QSI 005 4.3
- 4) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 5) ALL DIMENSIONS ARE IN INCHES
- 6) BREAK ALL SHARP EDGES 0.010 TO 0.020

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2) COVER INSIDE HOLES PRIOR PAINTING
3) FINISH: POWDER COAT PAINT FIRE RED (4.3.5.10) PER DART QSI 005
4) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
5) ALL DIMENSIONS ARE IN INCHES
6) BREAK ALL SHARP EDGES 0.010 TO 0.020

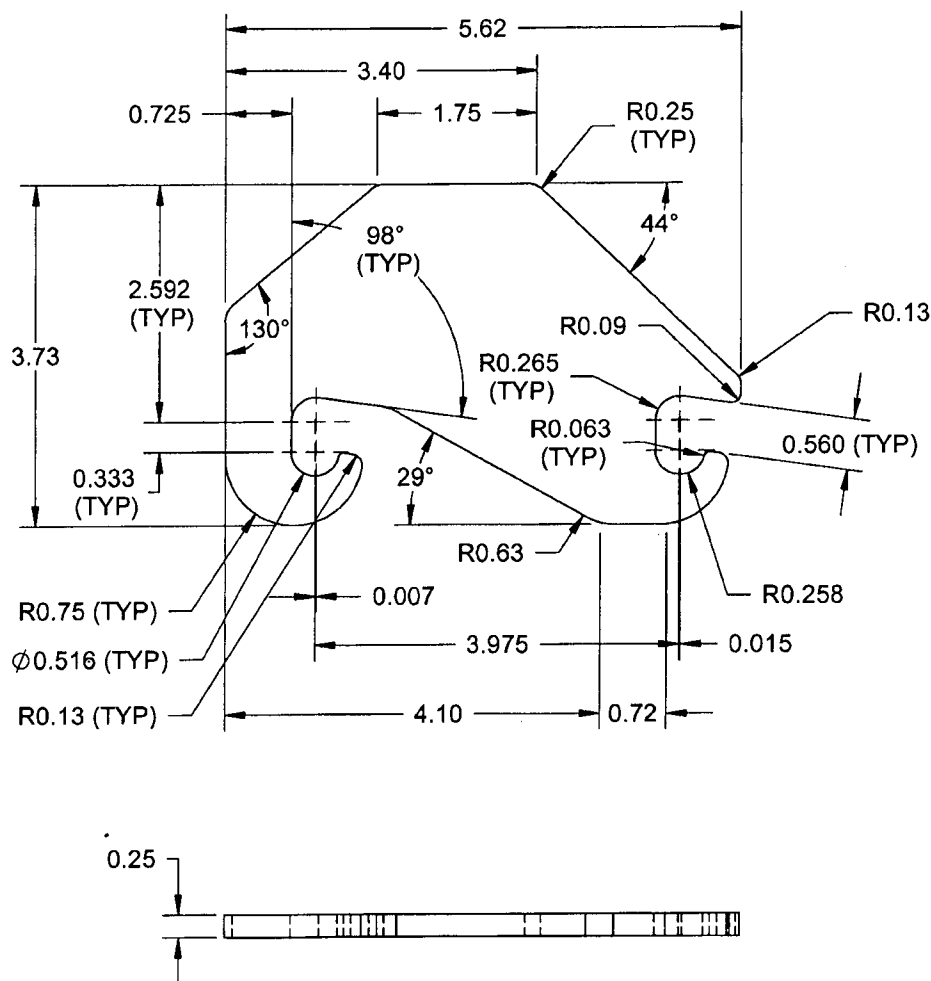
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DATE 04.12.14		TITLE LUG WELDMENT	SCALE 1:2

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01/07/14



D3353-1 LEFT PLATE

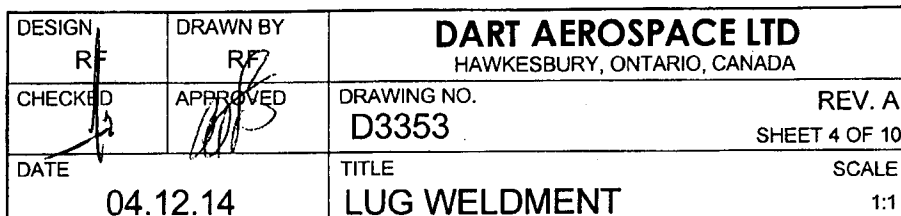
NOTES:

- 1) MATERIAL: AISI 1010-1025 OR ASTM A36/A366/A1008 OR CSA G40-21, 38W/44W/50W/60W/70W SERIES STEEL 3 GAUGE (0.250 THICK)
- 2) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 3) ALL DIMENSIONS ARE IN INCHES
- 4) BREAK ALL SHARP EDGES 0.010 TO 0.020

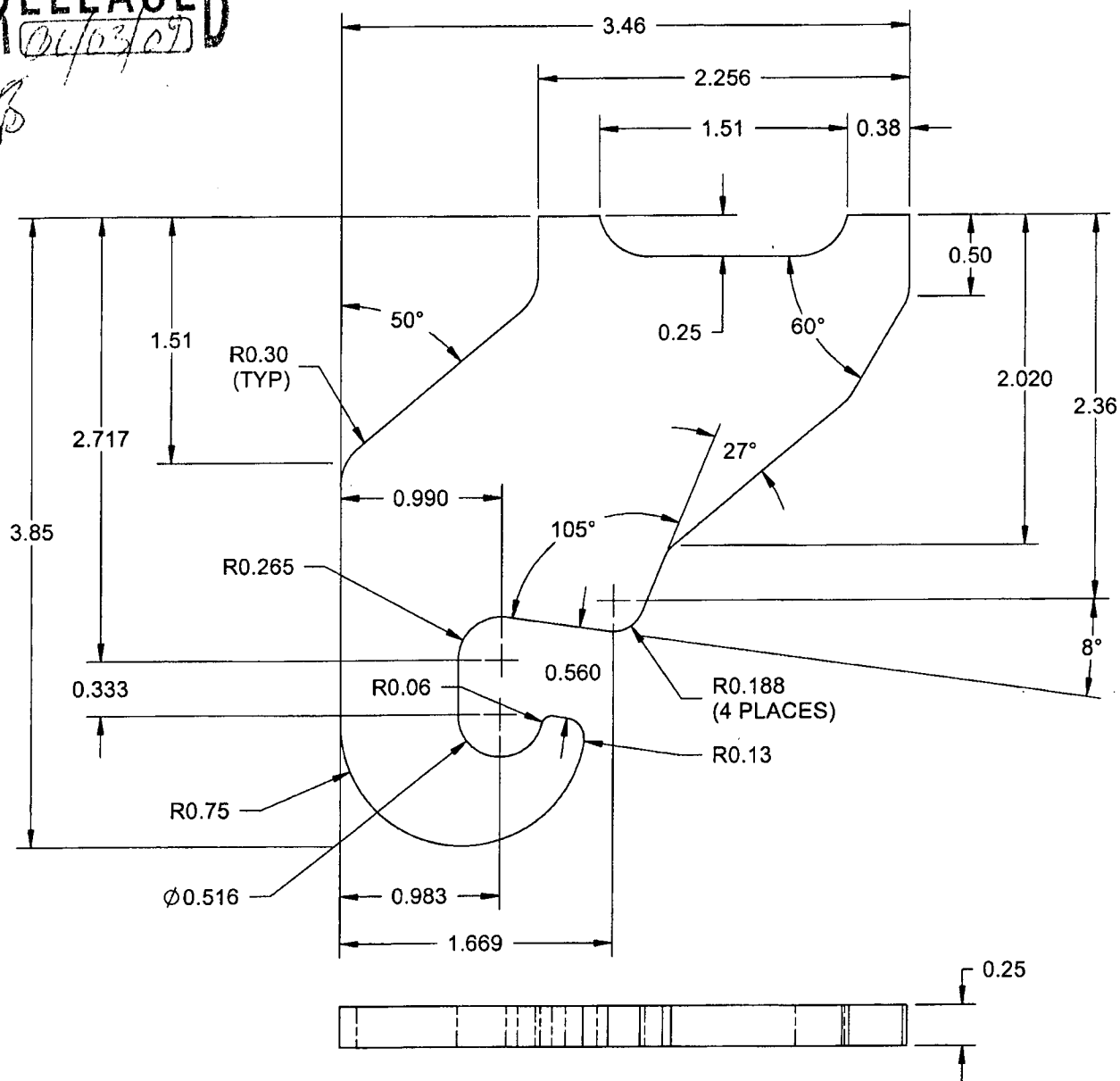
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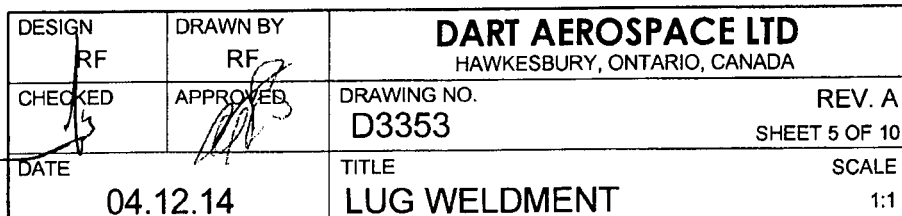
NOTES:

- 1) MATERIAL: AISI 1010-1025 OR ASTM A36/A366/A108 OR CSA G40.21, UNCONTROLLED COPY
38W/44W/50W/60W/70W SERIES STEEL 3 GAUGE (0.250 THICK) SUBJECT TO AMENDMENT
2) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED WITHOUT NOTICE
3) ALL DIMENSIONS ARE IN INCHES WORK ORDER
4) BREAK ALL SHARP EDGES 0.010 TO 0.020 39192

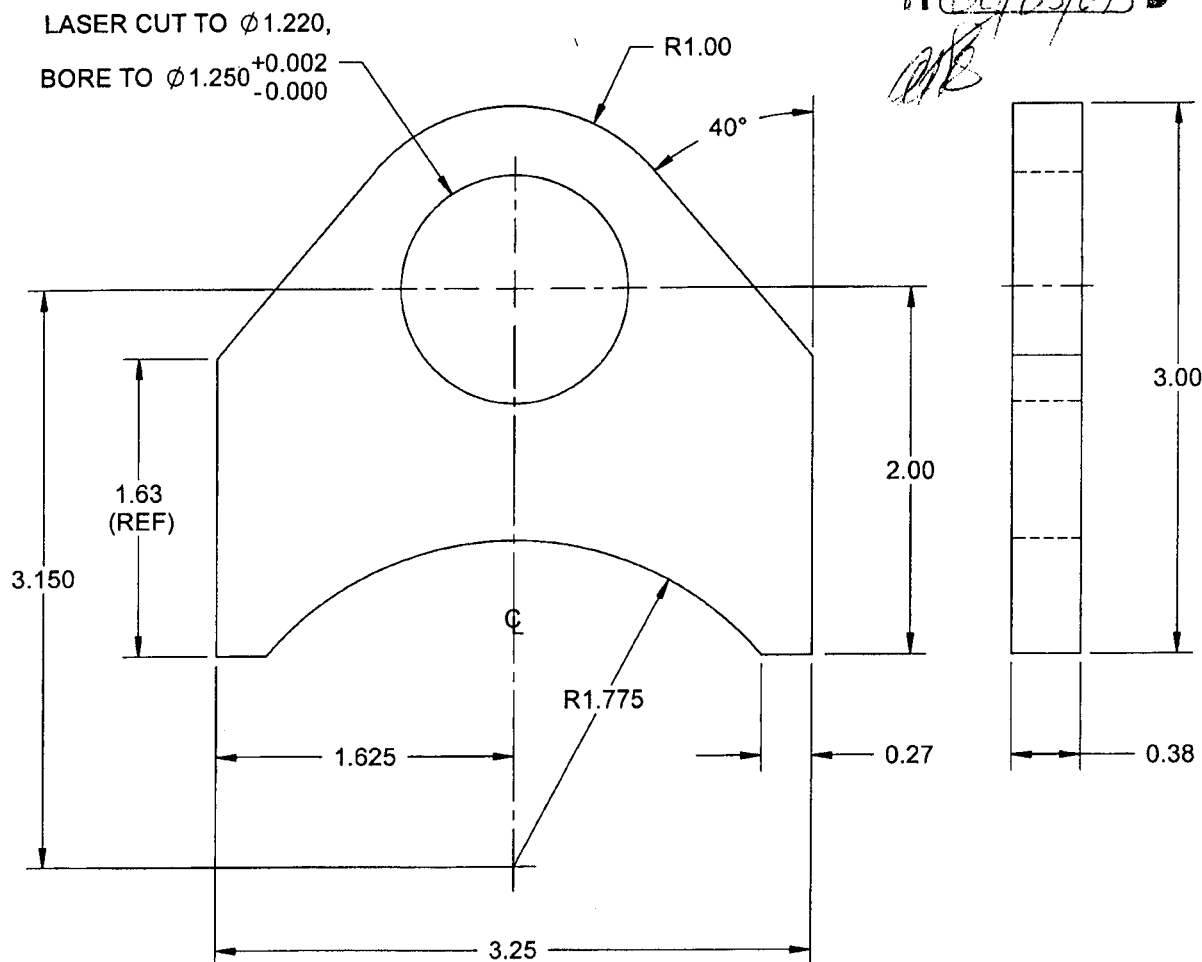
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D3353-5 BACK PLATE

NOTES:

- 1) MATERIAL: AISI 1010-1025 OR ASTM A36/A366/A108 OR
CSA G40.21, 38W/44W/50W/60W/70W SERIES
STEEL 0.375 THICK PLATE
MIN. ULTIMATE TENSILE STRENGTH = 42 ksi
MIN. YIELD TENSILE STRENGTH = 28 ksi
2) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
3) ALL DIMENSIONS ARE IN INCHES
4) BREAK ALL SHARP EDGES 0.010 TO 0.020

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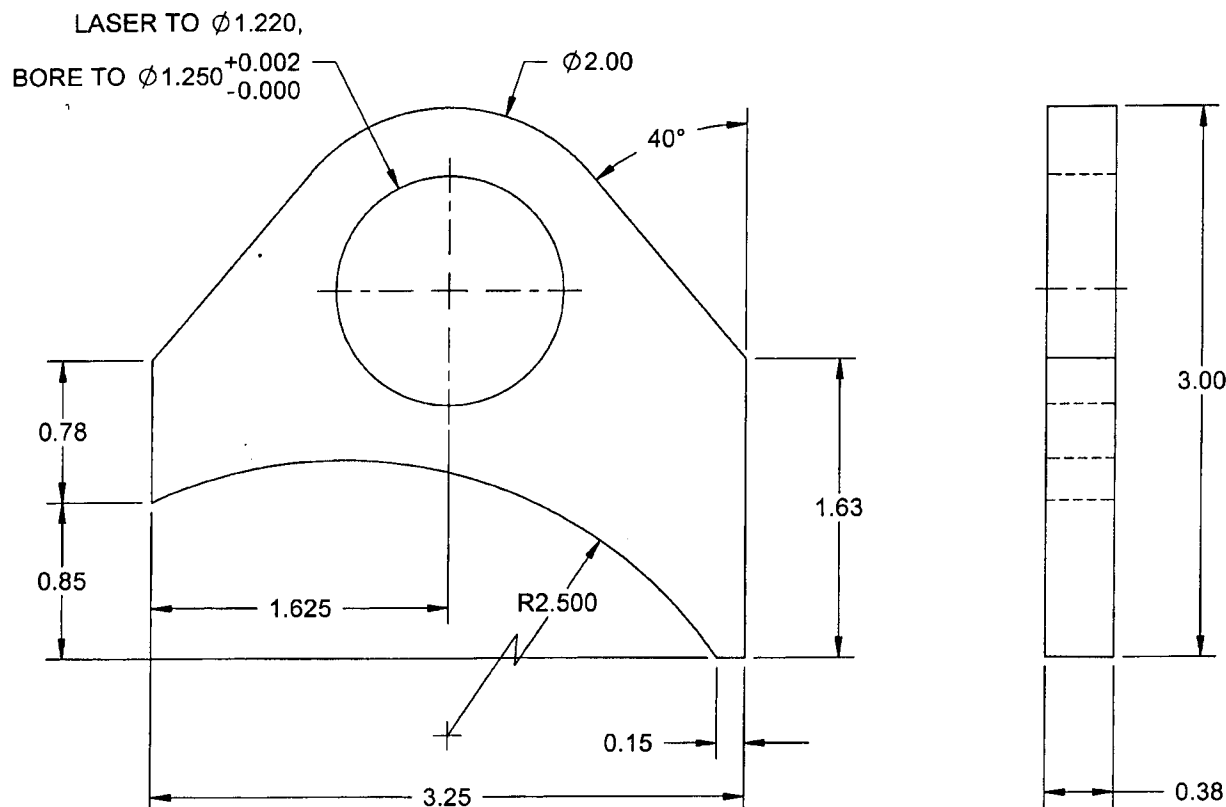
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DATE 04.12.14		TITLE LUG WELDMENT	SHEET 6 OF 10 SCALE 1:1

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06/03/07



D3353-7 FRONT PLATE

NOTES:

- 1) MATERIAL: AISI 1010-1025 OR ASTM A36/A366/A108 OR CSA G40.21, 38W/44W/50W/60W/70W SERIES
STEEL 0.375 THICK PLATE
MIN. ULTIMATE TENSILE STRENGTH = 42 ksi
MIN. YIELD TENSILE STRENGTH = 28 ksi
- 2) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 3) ALL DIMENSIONS ARE IN INCHES
- 4) BREAK ALL SHARP EDGES 0.010 TO 0.020

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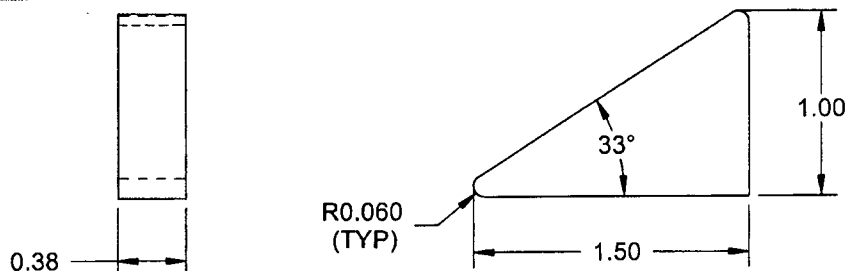
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DATE 04.12.14		TITLE LUG WELDMENT	SCALE 1:1

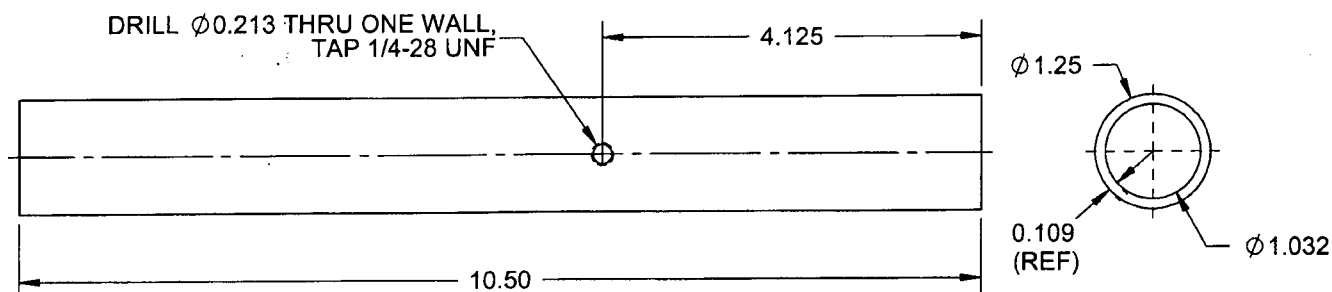
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3/3/09

[Signature]



D3353-9 STOP PLATE

- 1) MATERIAL: AISI 1010-1025 OR ASTM A36/A366/A569/A570 OR
CSA G40.21, 38W/44W/50W/60W/70W, 0.375 THICK
MILD STEEL BAR (REF. DART SPEC. M1010-B)



D3353-13 TUBING

NOTES:

- 1) MATERIAL: MIL-T-5066 OR ASTM A513-00 MT1020 SRA OR AMS 5075 OR AMS 5077,
Ø1.250 x 0.125 WALL, COLD DRAWN STEEL TUBING
(REF. DART SPEC. M1020TR1.250W.109)

NOTES:

- 2) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
3) ALL DIMENSIONS ARE IN INCHES
4) BREAK ALL SHARP EDGES 0.010 TO 0.020

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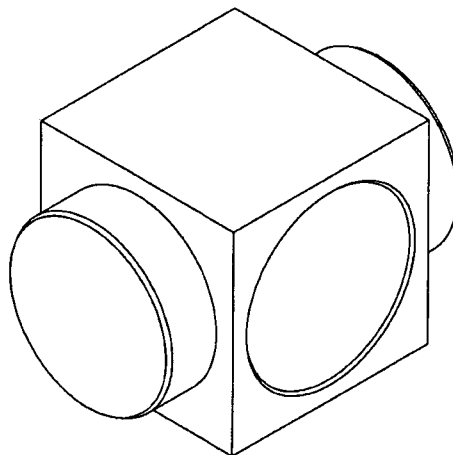
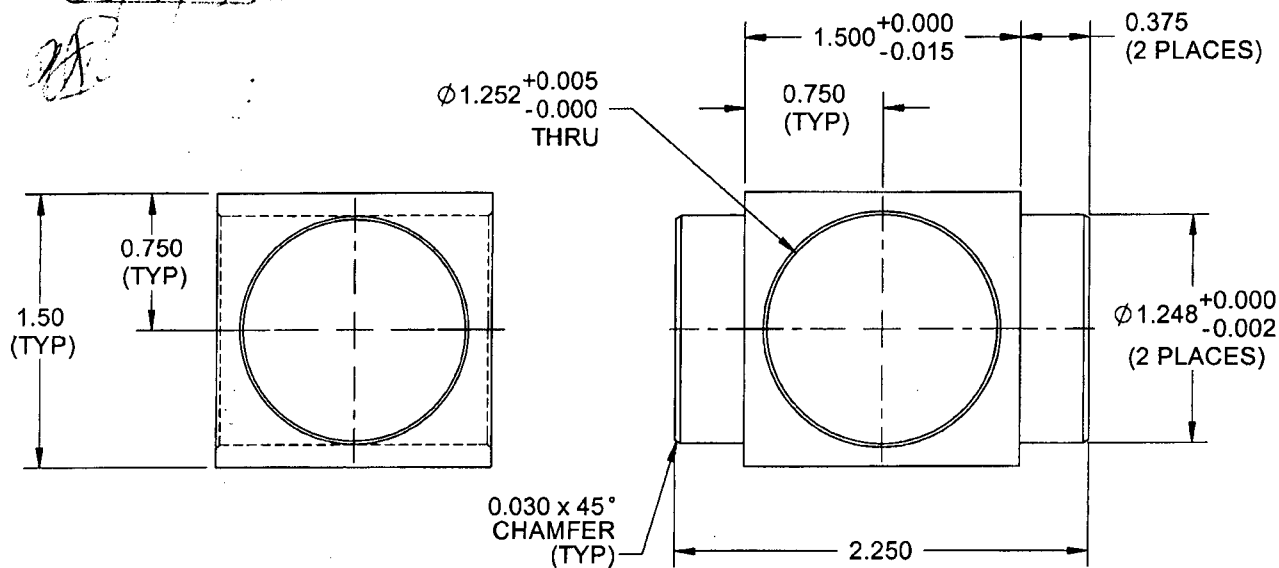
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DATE 04.12.14	TITLE LUG WELDMENT		SCALE 1:1

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02/33/09



D3353-11 UNIVERSAL JOINT

NOTES:

- 1) MATERIAL: AISI 1010-1025 OR ASTM A36/A366/A569/A570 OR CSA G40.21, 38W/44W/50W/60W/70W, 1.50 SQUARE MILD STEEL BAR (REF. DART SPEC. M1010-B)
- 2) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 3) ALL DIMENSIONS ARE IN INCHES
- 4) BREAK ALL SHARP EDGES 0.010 TO 0.020

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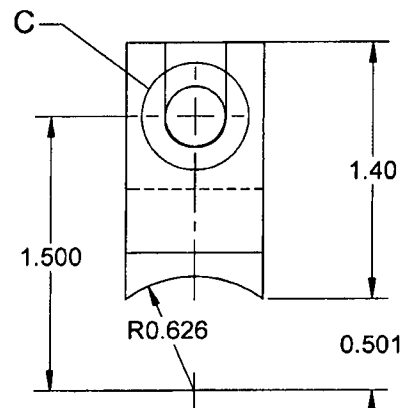
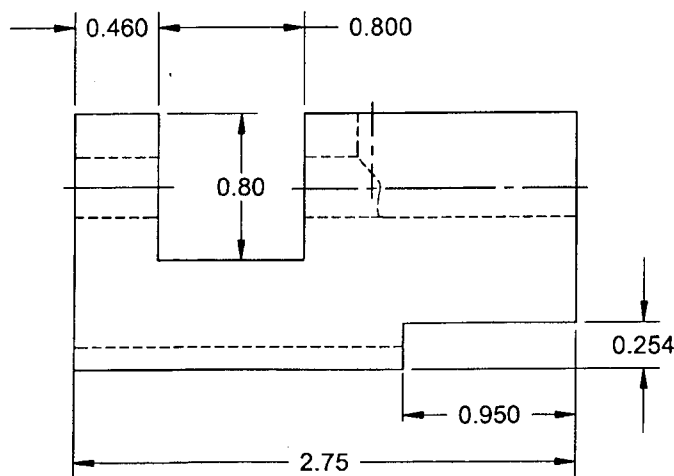
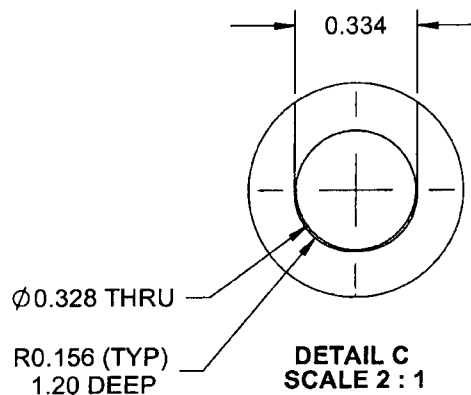
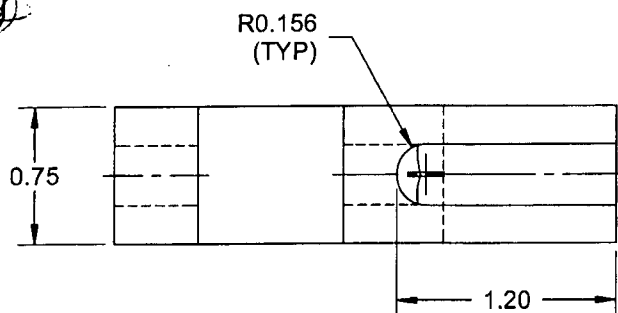
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DATE 04.12.14	TITLE LUG WELDMENT		SCALE 1:1

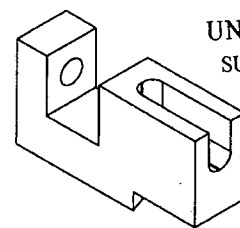
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36/02/09



D3353-15 LOCK BRACKET

NOTES:

- 1) MATERIAL: AISI 1010-1025 OR ASTM A36/A366/A569/A570 OR CSA G40.21, 38W/44W/50W/60W/70W, 0.75 THICK MILD STEEL BAR (REF. DART SPEC. M1010-B)
- 2) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 3) ALL DIMENSIONS ARE IN INCHES
- 4) BREAK ALL SHARP EDGES 0.010 TO 0.020



ISOMETRIC VIEW
SCALE 1 : 2

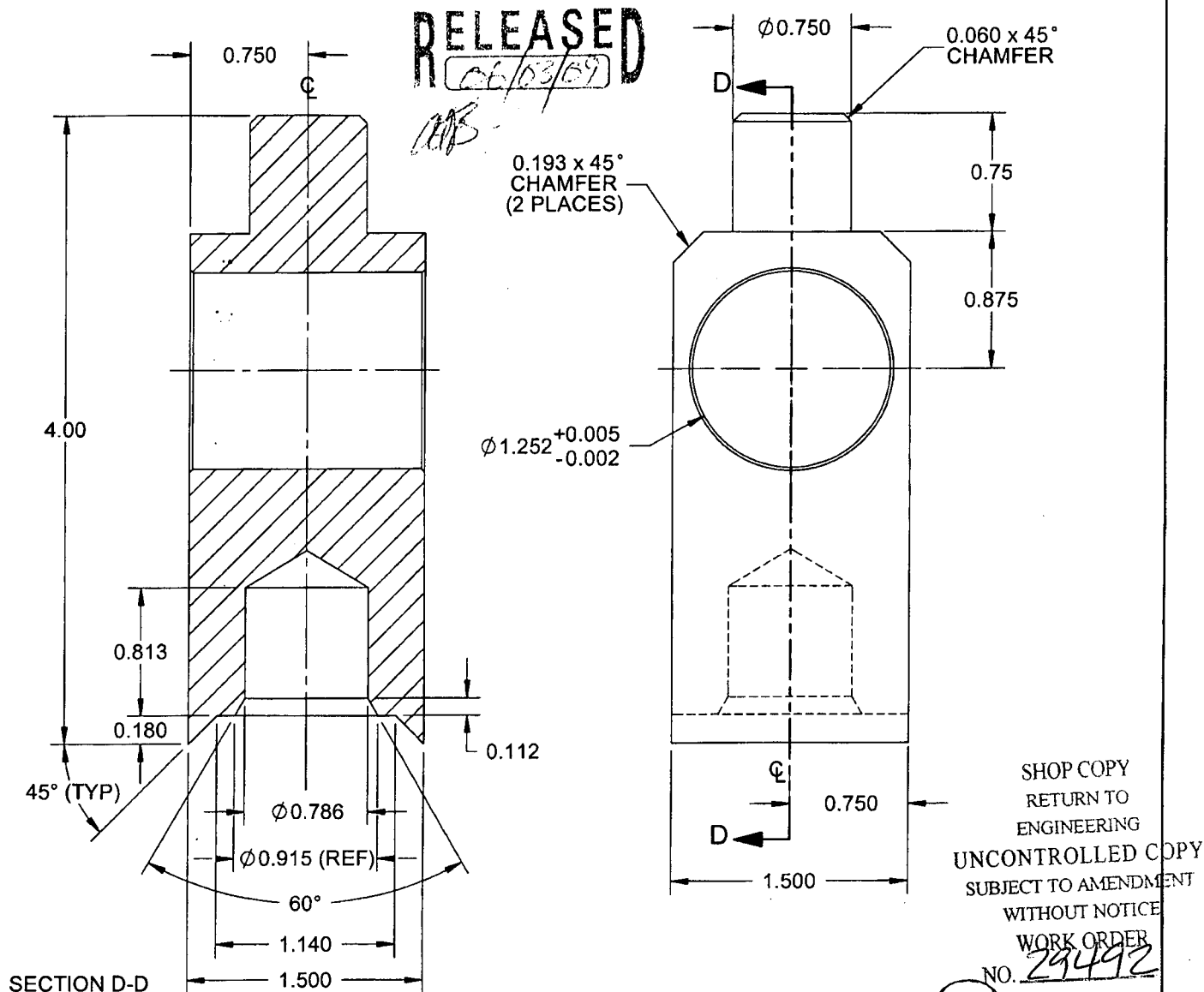
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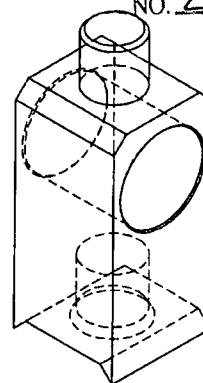
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DATE 04.12.14	TITLE LUG WELDMENT		SCALE 1:1

**D3353-17 SUPPORT****NOTES:**

- 1) MATERIAL: AISI 1010-1025 OR ASTM A36/A366/A569/A570 OR CSA G40.21, 38W/44W/50W/60W/70W, 1.50 SQUARE MILD STEEL BAR (REF. DART SPEC. M1010-B1.500x01.500)
- 2) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 3) ALL DIMENSIONS ARE IN INCHES
- 4) BREAK ALL SHARP EDGES 0.010 TO 0.020

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